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Substitut	5 101 101111 14401 10			Application Number	10/748,354		
INFO	RMATION	DIS	CLOSURE	Filing Date	12/30/2003		
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	MOSS, Richard L.		
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	lose as many sne	reis as n	v. v. sai yj	Examiner Name	Unknown Sgayias,M		
Sheet	1	of	6	Attorney Docket Number	054030-0045		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
MKS		BAUER, C.B. et al. 2000. J. Biol. Chem. 275, 38494-38499	
UKS		BERNSTEIN, S.I. et al. 1997. J. Mol. Biol. 271, 1-6	
UKS		DOMINGUEZ, R. et al. 1998. Cell 94, 559-571	
UNS		FISHER, A.J. et al. 1995. Biochemistry 34, 8960-8972	
NIUS		GEEVES, M.A. et al. 1999. Ann. Rev. Biochem. 68, 687-728	
MKS		GULICK, A.M. et al. 1997. Bioassays 19, 561-569	
UKS		HOUDUSSE, A. et al. 1996. Structure 4, 21-32	
MKS		HOUDUSSE, A. et al. 1999. Cell 97, 459-470	
MKS		KAMBARA, T. et al. 1999. J. Biol. Chem. 274, 16400-16406	
MKD		JOHNSON, K.A. et al. 1978. Biochemistry 17, 3432-3442	

Examiner	11110	Date	Intilar
Signature	Mayans.	Considered	12/16/01

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Substit	ute for form 1449/PTO			Complete if Known			
0000				Application Number	10/748,354		
INF	ORMATION	I DIS	CLOSURE	Filing Date	12/30/2003		
STATEMENT BY APPLICANT				First Named Inventor	MOSS, Richard L.		
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	(030 23 //2//	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Examiner Name	Unknown- Sqayias, M		
Sheet	2	of	6	Attorney Docket Number	054030-0045		

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
UNS		RAYMENT, I. et al. 1993. Science 261, 50-58	
MKS		ROVNER, A.S. et al. 1997. J. Muscle Res. Cell Motil. 18, 103-110	
MKS		SANT'ANA PEREIRA, J.A.A. et al. 2001. J. Biol. Chem. 276, 4409-4415	
uk.8		STRANG, K. et al. 1994. Circ. Res. 74, 542-549	
uks		SWEENEY, H.L. et al. 1998. J. Biol. Chem. 273, 6262-6270	
MKS		SCHIAFFINO, S. et al. 1996. Physiol. Rev. 76, 371-423	
MKS		SANT'ANA PEREIRA, J.A.A. et al. 1995. J. Mus. Res. Cell Motil. 16, 21-34	
MNS		ALPERT, N.R. et al. 1981. Fed Proc 41:192-198	
MKS		ANDERSON, P.A.W. et al. 1991. Circ Res 69:1226-1233	
MKS		BERMAN, M.R. et al. 1988. J Mol Cell Cardiol 20:679-687	

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Substitut	te for form 1449/PTO			Complete if Known		
Coosing				Application Number	10/748,354	
INFO	ORMATION	DIS	CLOSURE	Filing Date	12/30/2003	
STATEMENT BY APPLICANT				First Named Inventor	MOSS, Richard L.	
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	(USB as many sme	rets as th	etessary)	Examiner Name	Unknown_ Saayias, M	
Sheet	3	of	6	Attorney Docket Number	054030-0045	

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NHS		BONNE, G. et al. 1998. Circ Res 83:580-593	
MXS		BOTTINELLI, R. et al. 1994. J Physiol 481:663-675	
MNS		BUCK, S.H. et al. 1999. Am J Physiol 276:H1167-H1171	
MKS		CHEN, J. et al. 1998. J Biol Chem 273:1252-1256	
MKS		CHIZZONITE, R.A. et al. 1982. J Biol Chem 257:2056-2065	
MKS		COVIELLO, D.A. et al. 1997. Am J Human Genet 61:A329	
MXS		deTOMBE, P.P. 1998. Cardiovasc Res 37:367-380	
MKS		DIFFEE, G.M. et al. 1996. Biophys J 71:341-350	
MNS		FENTZKE, R.C. et al. 1999. J Physiol 517:143-157	
MKS		FITZSIMONS, D.P. et al. 1998. J Physiol 513:171-183	

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Substitute	Substitute for form 1449/PTO			Complete if Known		
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INFO	<b>PRMATION</b>	DIS	CLOSURE	Filing Date	12/30/2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	MOSS, Richard L.	
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Sheet	4	of	6	Attorney Docket Number	054030-0045	

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MKS		GEISTERFER-LOWRANCE, A.A.T. et al. 1996. Science 272:731-734	
MIdS		GULICK, J. et al. 1997. Circ Res 80:655-664	
MWS		HOMSHER, E. ET AL. 2000. J Physiol 524:233-243	
MNS		HUANG, X.P. et al. 1999. Circ Res 84:1-8	
NIKS		JONES, W.K. et al. 1996. J Clin Invest 98:1906-1917	
MNS		KELLEY, C. et al. 1993. J Biol Chem 268:12848-12854	
MKS		LOWEY, S. et al. 1993. Nature 365:454-456	
MKS		LYONS, G.E. et al. 1990. J Cell Biol 111:2427-2436	
MUS		McDONALD, K.S. et al. 1998. J Physiol 511:519-531	
MKS		MERCADIER, J.J. et al. 1981. Circ Res 49:525-532	

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INFORMATION DISCLOSURE				Filing Date	12/30/2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	MOSS, Richard L.	
				Art Unit	N/A_ 1632	
(Use as many sheets as necessary)			ecessary)	Examiner Name	Unknown- Saprey and, M	
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HKS		MIYATA, S. et al. 2000. Circ Res 86:386-390	
MKD		MORKIN, E. 1993. Circulation 87:1451-1460	
MXS		NG, W.A. et al. 1991. Circ Res 69:1742-1750	
MKS		PAWLOSKI-DAHM, C.M. et al. 1998. Circulation 97:1508-1513	
MAS		SANT'ANA PEREIRA, J.A.A. et al. 1997. Eur J Physiol 435:151-163	
MKS		SIEMANKOWSKI, R.F. et al. 1985. J Biol Chem 82:658-662	
UKS		SWEENEY, H.L. et al. 1986. Am J Physiol 251:C431-C434	
MVS		SWEENEY, H.L. et al. 1988. J Biol Chem 263:9034-9039	
MKS		SWEENEY, H.L. et al. 1998. J Biol Chem 273:6262-6270	
MW		VanBUREN, P. et al. 1995. Circ Res 77:439-444	

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ANS		VanBUREN, P. et al. 1994. Proc. Natl Acad Sci 91:12403-12407	
MXS		WOLSKA, B. et al. 1999. Circ Res 84:745-751	
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